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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--------------------------------------------------------------------------------------------------------------|-------------|----------------------|----------------------------|------------------|
| 10/519,763 | 07/20/2005 | Nils Paulsen | 006628.00002 | 5368 |
| 22908 7590 04/16/2007 BANNER & WITCOFF, LTD. TEN SOUTH WACKER DRIVE SUITE 3000 CHICAGO, IL 60606 | | | EXAMINER NGUYEN, HUNG T | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 2612 | |
| SHORTENED STATUTORY PERIOD OF RESPONSE | | MAIL DATE | DELIVERY MODE | |
| 3 MONTHS | | 04/16/2007 | PAPER | |

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/519,763

Applicant(s)

PAULSEN, NILS

Examiner

HUNG T. NGUYEN

Art Unit

2612

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 December 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1 and 2 is/are rejected.
- 7) ☒ Claim(s) 3-10 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 28 December 2004 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
 - 2) ☐ Certified copies of the priority documents have been received in Application No. _____.
 - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 12/28/04 & 12/14/05.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____.

DETAILED ACTION

Specification

1. The Specification of the Invention is objected because applicant failed to provide HEADINGS of the invention as Background, Summary, Brief Description of the Drawings and Detailed Description of the Invention;

2. on page 1, line 23, "the tern" will be changed to --the term-- after "in the following,";

Applicant need to **review** the Specification and make correction as needed.

Drawings

3. The drawings are objected to under 37 CFR 1.84(o) which requires legends on drawings:

-- In figures 1, all the numbers in the boxes as 10,14, 30, 32, 34, 36, 38, 50, 57 should be provided with descriptive labels (habitat or chamber, surveillance system, detector, central and so on);

-- please do label the numbers in the boxes as 10, 32, 34, 36, 38 on fig. 2 as requested in fig.1.

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Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 112

4. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claim 1 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

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5. Regarding claim 1, line 3, the phrase "such as" renders the claim indefinite because it is unclear whether the limitations following the phrase are part of the claimed invention. See MPEP § 2173.05(d).

Regarding claim 1, lines 3 & 7, the phrases "and the like" render the claim(s) indefinite because the claim(s) include(s) elements not actually disclosed (those encompassed by "or the like"), thereby rendering the scope of the claim(s) unascertainable. See MPEP § 2173.05(d).

Claim 1 recites the limitation "the surroundings" in line 4. There is insufficient antecedent basis for this limitation in the claim.

Claim Objections

6. Claims 3-10 are objected to under 37 CFR 1.75(c) as being in improper form because a multiple dependent should refer to other claims in the alternative only. See MPEP § 608.01(n). Accordingly, the claims 3-10 not been further treated on the merits.

Please see the cited U.S. prior arts to correct improper form of the claims 3-10.

7. For example:

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in claim 3 should be depended on claim 1, NOT on claim 1 and claim 2;

In claims 4-10, which can be depended to ANY one of claims 1-3;

Claim Rejections - 35 USC § 102

8. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

9. Claims 1-2 are rejected under 35 U.S.C. 102(b) as being anticipated by James et al. WO 01/39222.

Regarding claim 1-2, James discloses a security system as emergency gas (30), fires, earthquake and electricity shutoff equipment and control system (25) therefor which is installed inside a house (26) [figs. 3, page 2, field of invention, page 3, summary and page 4, lines 15-24 and page 11 and abstract] comprising:

- detectors (30) as fire, gas, smoke, earthquake to detect security condition (30) [fig.3, page 11, lines 20-22];
- a pressure sensor (34) coupled with valve (10) to detect abnormal of the gas system [page 14, lines 12-16 and page 15, lines 11-14];
- electricity is supply to the security system (30) [fig.3, page 11, lines 9-10, lines 15-18 and page 13, lines 17-22];

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- a controller (25) coupled with the detectors (30) and control powering of the valve (10) and shutoff the valve in dangerous condition [figs.3-4, page 11, lines 11-22 and page 13, lines 14-22 and page 14, lines 1-2];
- alarm signal is activated when detectors (30) as fire alarm, gas, smoke, earthquake to detect abnormal conditions has been programmed [page 11, lines 15-22].

Conclusion

10. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- Gallo (U.S. 5,838,243).
- Baraty (U.S. 6,266,579).
- Shere (U.S. 6,392,538).
- Mueller (U.S. 6,484,951).
- Bachinski et al. (U.S. 6,774,802).
- Geoffrey J. et al. (U.S. 6,989,757).

11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hung T. Nguyen whose telephone number is (571) 272-2982. The examiner can normally be reached on Monday to Friday from 9:00 am to 6:30 pm.

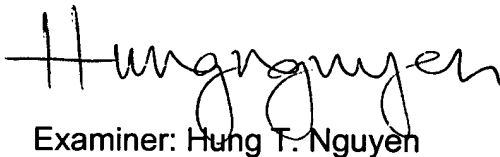
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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hofsass, Jeffrey can be reached on (571) 272-2981. The fax phone number for this Group is (571) 273-8300.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-4700.

HUNG NGUYEN
PRIMARY EXAMINER

A handwritten signature in black ink, appearing to read "Hung Nguyen", written in a cursive style.

Examiner: Hung T. Nguyen

Date: April 11, 2007